

PATENT ABSTRACTS OF JAPAN

(11)Publication number : **06-218246**

(43)Date of publication of application : **09.08.1994**

(51)Int.Cl.

B01D 63/16

B01D 61/22

B01D 63/08

(21)Application number : **05-029629**

(71)Applicant : **TOTO LTD**

(22)Date of filing : **27.01.1993**

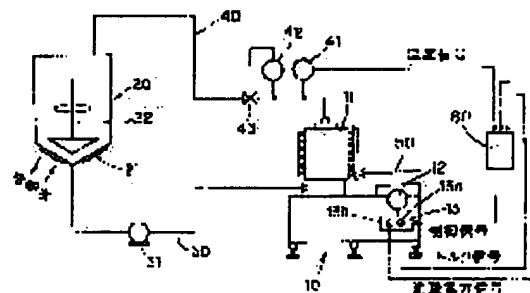
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(54) FLAT MEMBRANE FILTER MACHINE

(57)Abstract:

PURPOSE: To suppress an excessive load fluctuation of a motor for driving flat membranes and to obviate the generation of a variation in filtrate quality by providing a means for detecting the temp. of the original liquid in the outlet part of a pressure vessel and a means for controlling the rotating speed of the flat membranes in such a manner that the temp. of the original liquid in the outlet part of the pressure vessel does not exceed a prescribed value.

CONSTITUTION: The rotary flat membrane filter machine which executes cross flow type filtration of the original liquid by rotating the flat membranes in the pressure vessel 11 is provided with a means 41 for detecting the temp. of the original liquid in the outlet part of the pressure vessel 11 and a means 13 for controlling the rotating speed of the flat membranes in such a manner that the temp. of the original liquid in the outlet part of the pressure vessel 11 does not exceed a prescribed value. Consequently, the flat membrane filter machine which can maintain the temp. of the original liquid in the pressure vessel at an adequate value at all times, can suppress the excessive load fluctuation of the motor 12 for driving the flat membranes according to the temp. control of the original liquid and does not generate the variation in the quality of the filtrate by a difference in the lots of the original liquids is obtd.



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[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application]

converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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